

APPROVED O. G. FIG. 14, 2014
BY CLASS SUBCLASS
DRAFTSMAN 395 2014

5845053

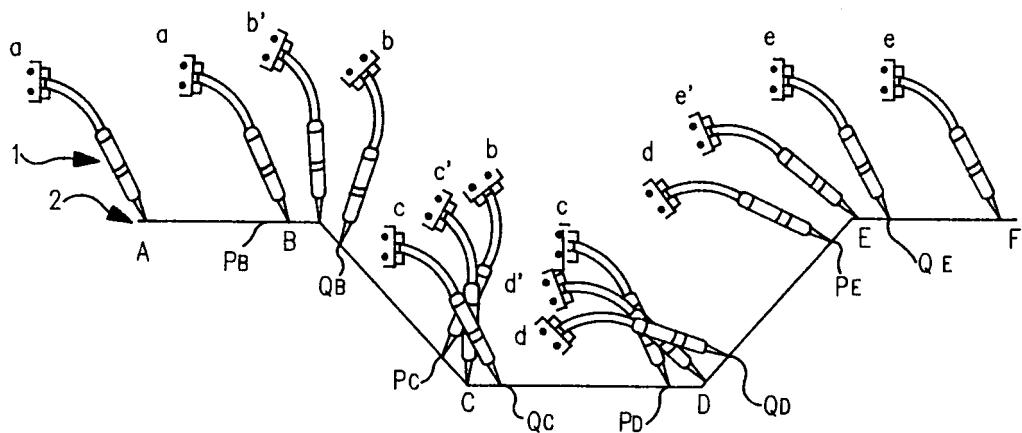


FIG. 1
PRIOR ART

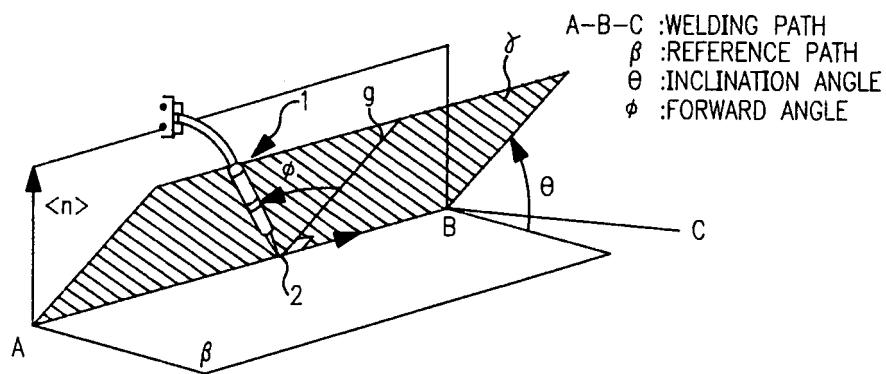


FIG. 3

APPROVED	O.G. FIG. 2A, 2B, 2C	
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FIG. 2A

TEACH ROUGHLY BY JOG FEED ONLY POSITIONS A,B...F
WITHOUT PAYING ATTENTION TO THE ORIENTATION

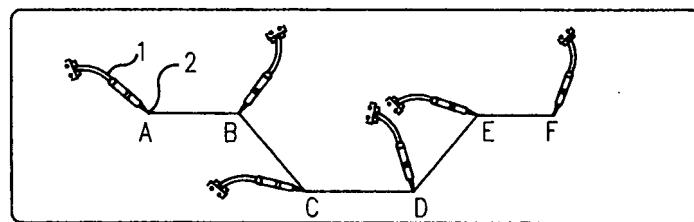


FIG. 2B

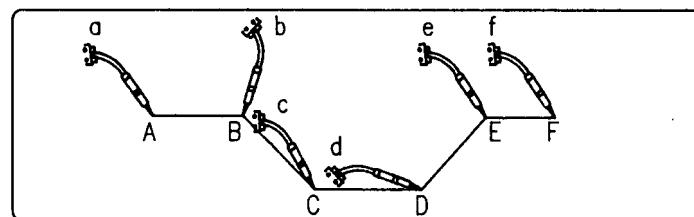
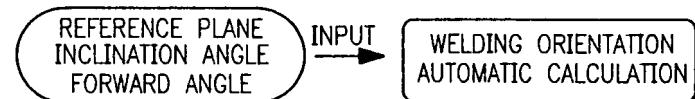
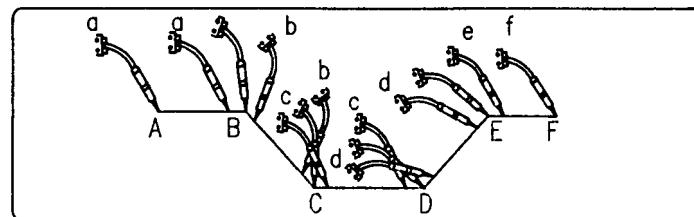


FIG. 2C



ARC WELDING EXECUTION

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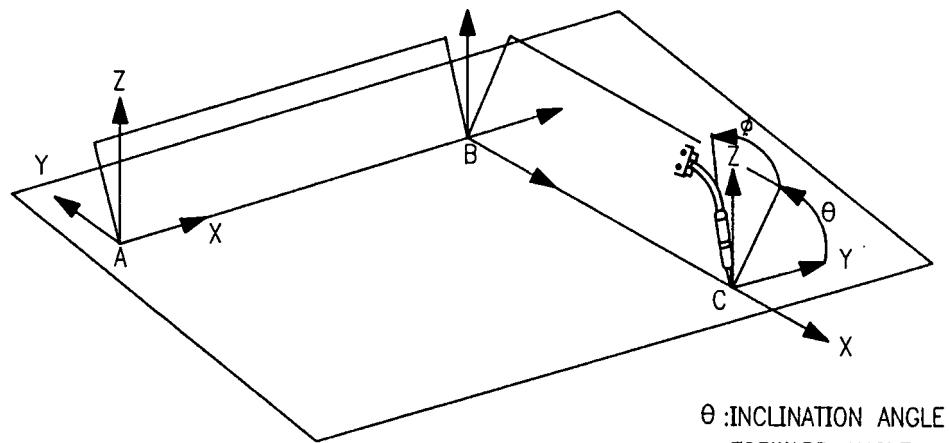


FIG. 4

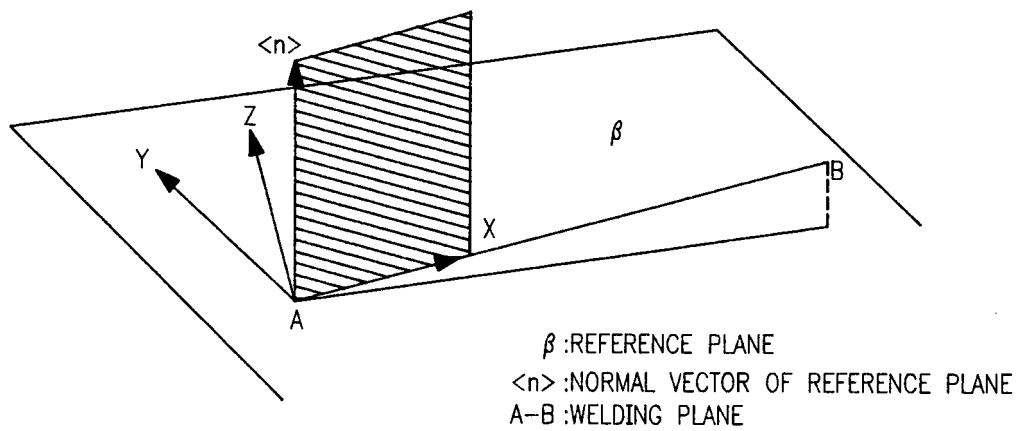


FIG. 5

APPROVED BY DRAFTSMAN	O.G. FIG. CLASS	SUBCLASS
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UTILITY/TORCH ORIENTATION/TRANSFORMATION/////////AXIS///50%/
PROGRAM PAGE 1/4 5/7

1 TRANSFORMATION SOURCE PROGRAM: [TEST]
2 SCOPE: PART
3 START ROW: 34
4 END ROW: 38
5 PRODUCED/REPLACED: /REPLACED/
6 PROGRAM DESTINED TO BE TRANSFORMED: (UNUSED) [* * * * *]
7 INSERTION ROW: (UNUSED) * * * * *

PAGE IS CHANGED BY SHIFT + DOWN,SHIFT + UP
[SCREEN] >

FIG. 6

UTILITY/TORCH ORIENTATION/TRANSFORMATION/////////AXIS///50%/
DIRECT INPUTTING TORCH ORIENTATION PAGE 3/4 2/6

1 REFERENCE PLANE TEACHING: YES
2 P1: /TEACHING EXECUTED /
3 P2: TEACHING EXECUTED
4 P3: TEACHING EXECUTED
5 INCLINED ANGLE: . 00 deg
6 FORWARD ANGLE: . 00 deg

PAGE IS CHANGED BY SHIFT + DOWN,SHIFT + UP
[SCREEN] TRANSFORMATION REFER TO POSITION STORE POSITION>

FIG. 7

APPROVED	O.G. FIG.	
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UTILITY/TORCH ORIENTATION/TRANSFORMATION/////////AXIS///50%/
POSITION INSERTION PAGE 4/4 2/6

1 NO. OF POSITIONS : /2/
2 PITCH LENGTH : 3.00mm

PAGE IS CHANGED BY SHIFT + DOWN,SHIFT + UP
[SCREEN] EXECUTION >

FIG. 8

APPROVED	O.G. FIG.	
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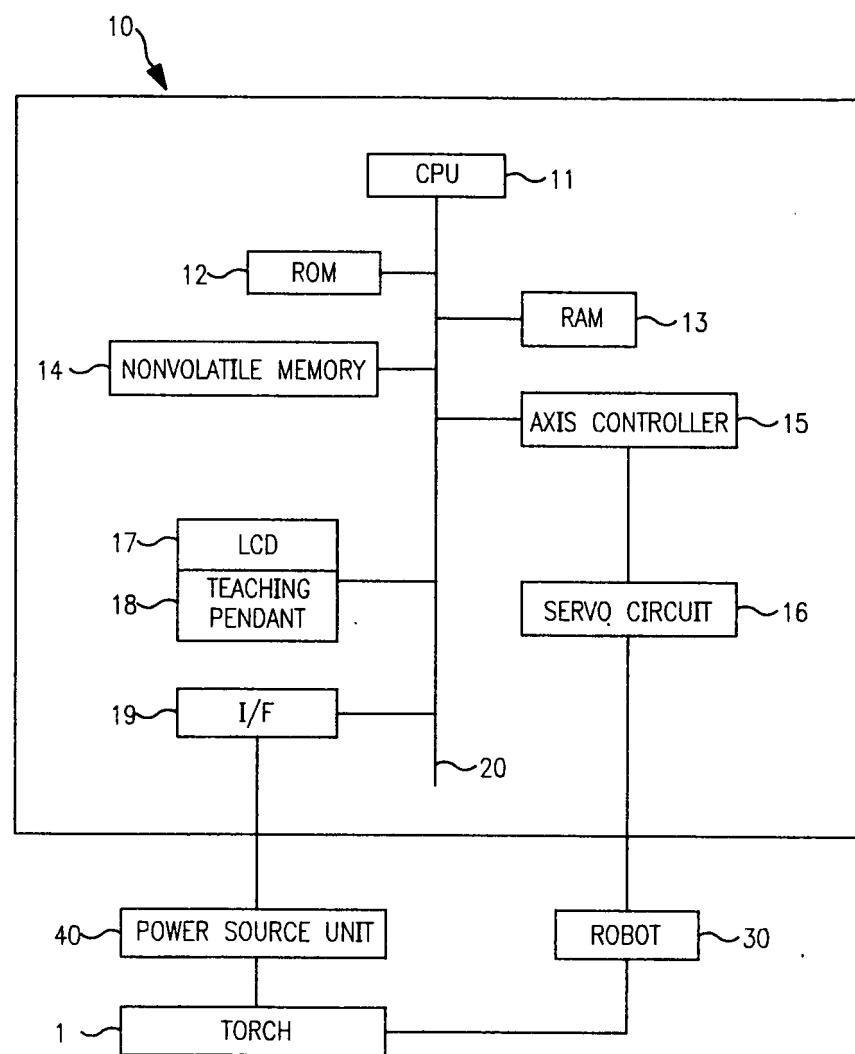


FIG. 9

APPROVED	O.G. FIG.	
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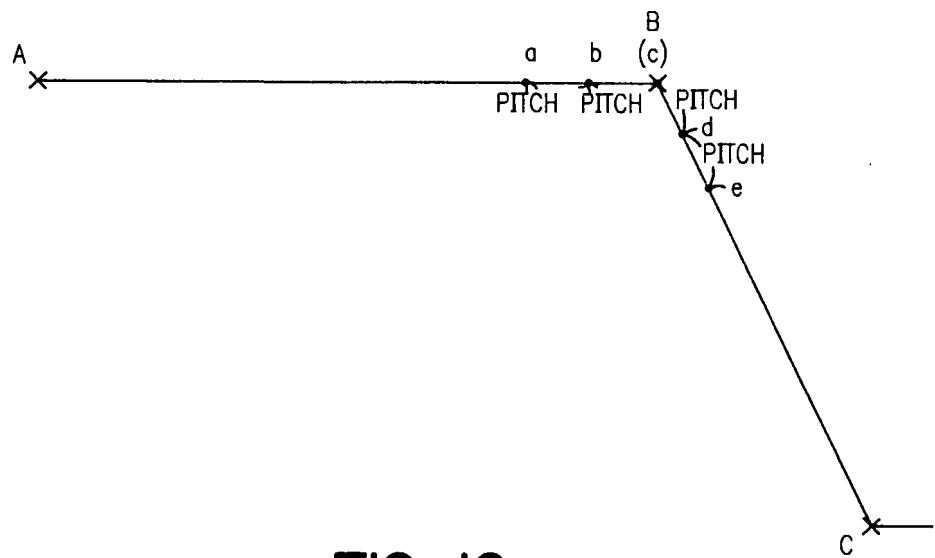


FIG. 10

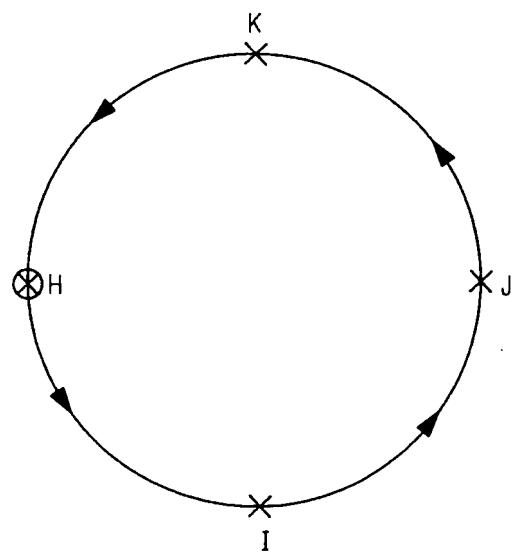


FIG. 11

APPROVED BY DRAFTSMAN	O.G. FIG. CLASS	SUBCLASS
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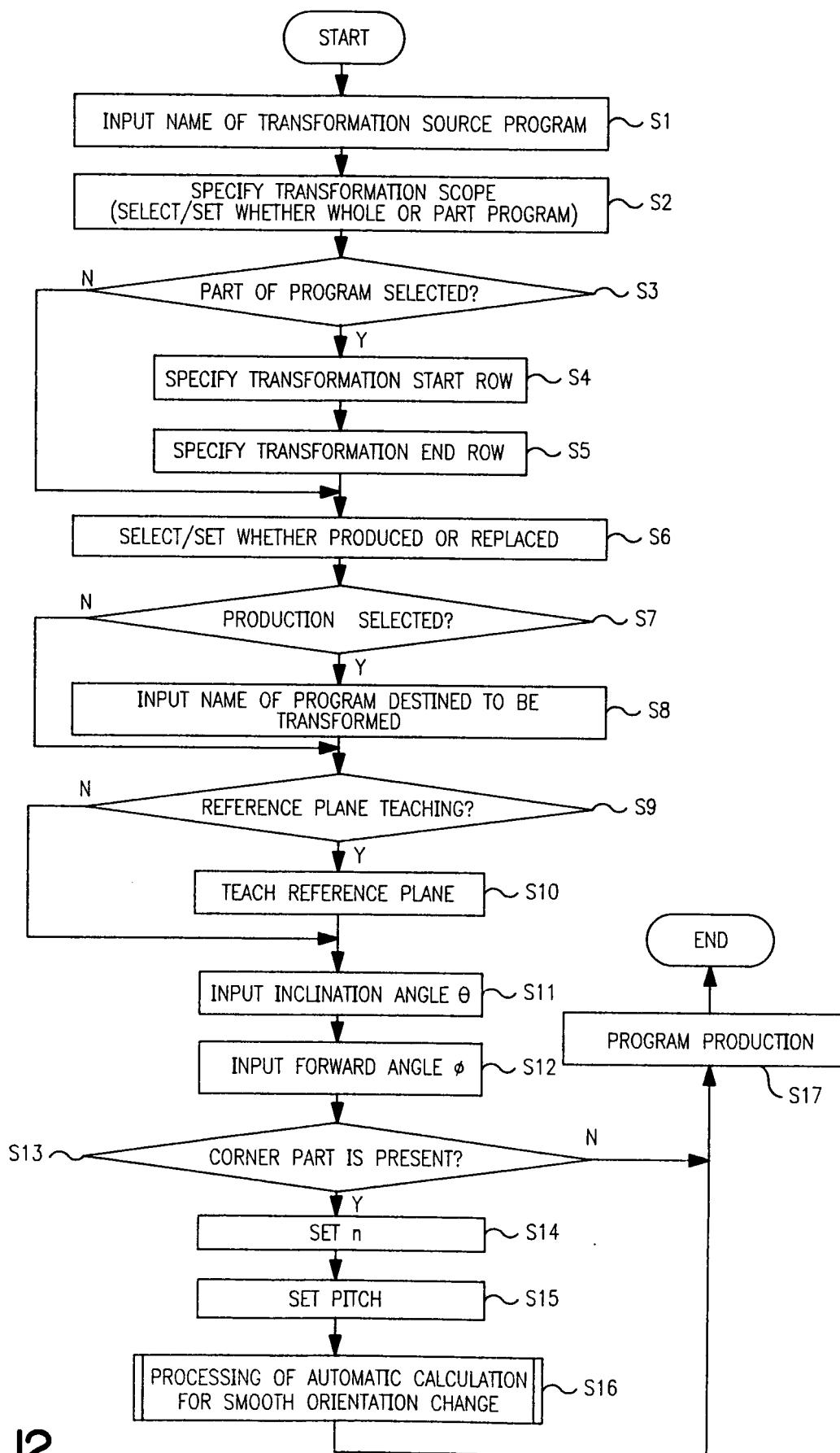


FIG. 12